IN THE CLAIMS:

Please cancel Claims 30-35. Please add newly drafted Claim 30.

Please amend Claim 28 as follows:

28. (Amended) An apparatus for forming a protecting layer in a PDP comprising:

an electron gun for evaporating an alkaline earth oxide and forming a protecting layer consisting of the alkaline earth oxide with (110)-face orientation on a surface of dielectric layer of a glass substrate, the electron gun emitting electron beams onto the surface of the dielectric layer to evaporate the alkaline earth oxide and form the protecting layer

29. (Original) The apparatus for forming a protective layer in a PDP of Claim 28, wherein the alkaline earth oxide is magnesium oxide (MgO).

30. (New) A system for forming a protective layer on a plasma display panel comprising;

a vacuum chamber housing,

means for supporting a plasma display panel substrate with electrodes in the housing;

means for heating the plasma display panel substrate;

means for evaporating, from a source of magnesium oxide, a predetermined amount of magnesium oxide to provide the protective layer on the plasma display panel substrate; and

an electron gun aligned with the means for supporting for evaporating magnesium oxide, as applied to the plasma display panel substrate, to provide a single layer of a (110)-face

orientation of sufficient thickness to provide sputtering resistance during a predetermined life term of the plasma display panel.

31. (New) The system of Claim 30 wherein the plasma display panel substrate is heated to a temperature of 150°C and the magnesium oxide is applied to a thickness of 5000 A° for the protective layer.